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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	Unassigned
Filing Date	January 16, 2002
First Named Inventor	William J. Roberts
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	1400-004

PTO
0651-0031
01/16/02

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-2,843,608	07-15-1958	Colton	
		US-4,087,524	05-02-1978	Grunwell et al.	
		US-4,239,681	12-16-1980	Grunwell et al.	
		US-5,387,583	02-07-1995	Loria	
		US-5,391,776	02-21-1995	Ueno et al.	
		US-5,578,588	11-26-1996	Mattern et al.	
		US-5,880,117	03-09-1999	Arnold	
		US-6,011,027	01-04-2000	Arnold	
		US-6,017,964	01-25-2000	MacLean et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	<i>Subhe Qaz</i>	Date Considered	5/28/03
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² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 2

Complete if Known

Application Number	Unassigned
Filing Date	January 16, 2002
First Named Inventor	William J. Roberts
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	1400-004

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BLAQUIER et al., "In Vitro Metabolism of Androgens in Whole Human Blood", Acta Endocrinologica, May-August 1967, 697-704, Vol. 55, Periodica, Copenhagen.	
		EARNST et al., "In Vivo 4-androstene-3,17-dione and 4-androstene-3 β ,17 β -diol Supplementation in Young Men", European Journal of Applied Physiology, February 2000, 229-232, Vol. 81, No. 3, Springer, New York.	
		FRANKE et al., "Hormonal Doping and Androgenization of Athletes: A Secret Program of the German Democratic Republic Government", Clinical Chemistry, Nov. 7, 1997, 1262-1279, Vol. 43, No. 7, American Association for Clinical Chemistry, United States of America.	
		INABA et al., "Conversion of 4-Androstenediol and 5-Androstenediol to Testosterone, and Conversion of Dehydroepiandrosterone to 4-Androstenediol by Rat Testis In Vitro", Endocrinol. June 1966, 160-172, Vol. 13, No. 2, Japan.	
		URAETS et al., "Over-the-Counter Anabolic Steroids 4-Androsten-3, 17-dione; 4-Androsten-3 β ,17 β -diol; and 19-nor-4-Androsten-3, 17-dione: Excretion Studies in Men", Journal of Analytical Toxicology, September 1999, 357-366, Vol. 23, : Preston Publications, Niles, Illinois.	
		YAMAJI et al., "Androstenediol in Canine Spermatid Vein Blood and Its Significance in Testosterone Biosynthesis in Vivo", Endocrinology, 1968, 992-998, Vol. 83, J. B. Lippincott, Philadelphia.	

Examiner
Signature

Sakiba Qz

Date
Considered

5/28/03

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
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Sheet 1 of 1

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Application Number	10/053,505
Filing Date	January 16, 2002
First Named Inventor	William Roberts # 11
Group Art Unit	1616
Examiner Name	Qazi, Sabiha Naim
Attorney Docket Number	1400-004

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,056,727	10-02-1962	Allais et al.	
		US- 3,314,856	04-18-1967	Allais et al.	
		US- 3,433,813	03-18-1969	Boswell	
		US- 3,435,030	03-25-1969	Klimstra	
		US- 3,481,957	12-02-1969	Cross et al.	
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		US- 5,053,403	10-01-1991	Orentreich et al.	
		US- 6,117,429	09-12-2000	Bucci	
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		BE 636216	08-14-63	Roussel	No Translation or abstract	

Examiner
Signature

Sabiha Qazi

Date
Considered

5/29/03

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